

Contact:**Patty Kehe**

Dynasil Corporation of America

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Email: cdunham@dynasil.com**Dynasil Announces Second Quarter 2009 Results**

WEST BERLIN, N.J. – May 14, 2009 – Dynasil Corporation of America (OTCBB: DYSL.OB), announced the results of operations for its second quarter of fiscal year 2009 ended March 31, 2009. Dynasil is a manufacturer of specialized instruments and photonic products including optical materials, components and coatings as well as currently deriving more than fifty percent of its revenue from government funded research. The Company serves a broad range of applications markets in the medical, industrial, and homeland security/ defense sectors.

Revenues for the quarter ended March 31, 2009 nearly tripled to \$8.6 million compared to revenues of \$3.0 million for the quarter ended March 31, 2008. Income from Operations for the quarter nearly quadrupled to \$755,261 compared to \$198,208 for the quarter ended March 31, 2008. Net income for the quarter was \$404,134, or \$0.02 per share, compared with net income of \$145,976, or \$0.02 per share, for the quarter ended March 31, 2008. For the six months ended March 31, 2009, revenues tripled to \$17.4 million, Income from Operations tripled to \$1.4 million and Net Income more than doubled to \$759,775 as compared to the six months ended March 31, 2008. This is the third quarter since the acquisition of Radiation Monitoring Devices, Inc. and certain assets of RMD Instruments, LLC (together, "RMD") on July 1, 2008, which was the key driver for the large revenue and profitability increases. Net Operating Loss carry-forwards for federal taxes were exhausted during fiscal year 2008 so fiscal year 2009 net income was impacted by increased federal tax provisions as well as the higher interest costs related to the RMD acquisition.

"Given current economic conditions, we are pleased that we were able to triple revenues and nearly quadruple Income from Operations for the quarter," said Craig T. Dunham, President and CEO. "The acquisition of RMD has significantly increased Dynasil's technical capabilities and intellectual property. During the quarter, we made substantial progress in identifying potential products for commercialization and developing additional government funding for those projects. Those potential new products include improved sensors for: medical imaging, non-destructive testing for cracks in metal parts and Homeland Security's detection of nuclear threats. We are seeing unprecedented levels of government contracting opportunities which appear to be driven by the economic stimulus package. We continue to execute our strategy of significant and profitable growth through organic growth, commercialization of our broad research portfolio and acquisitions."

About Dynasil: *Founded in 1960, Dynasil is a manufacturer of photonic products including optical materials, components, coatings and instruments for a broad range of applications markets in the medical, industrial and defense sectors. Its wholly owned subsidiaries are located in New Jersey, New York and Massachusetts.*

This news release may contain forward-looking statements usually containing the words "believe," "expect," "plan", "target", "intend" or similar expressions. These statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act. Future results of operations, projections, and expectations, which may relate to this release, involve certain risks and uncertainties that could cause actual results to differ materially from the forward-looking statements. Factors that would cause or contribute to such differences include, but are not limited to, the factors detailed in the Company's Annual Report or Form 10-KSB and in the Company's other Securities and Exchange Commission filings, continuation of existing market conditions and demand for our products.

DYNASIL CORPORATION OF AMERICA AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS

ASSETS	March 31, 2009 (Unaudited)	September 30, 2008
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Current assets		
Cash and cash equivalents	\$ 1,439,157	\$ 3,882,955
Accounts receivable, net of allowance for doubtful accounts of \$66,733 and \$70,165 and sales returns of \$21,758 and \$8,200 for March 31, 2009 and September 31, 2008, respectively	5,266,640	3,390,703
Inventories	2,472,545	2,909,730
Deferred tax asset	233,500	233,500
Prepaid expenses and other current assets	378,775	259,896
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Total current assets	9,790,617	10,676,784
Property, Plant and Equipment, net	2,701,044	2,694,290
Other Assets		
Intangibles, net	7,499,645	7,767,258
Goodwill	11,054,396	11,054,396
Deferred financing costs, net	69,752	81,136
Other assets	3,091	8,360
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Total other assets	21,327,928	18,911,150
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Total Assets	\$31,118,545	\$32,282,224
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LIABILITIES AND STOCKHOLDERS' EQUITY		
Current Liabilities		
Short Term Note Payable	\$ 32,451	\$ 490,117
Current portion of long term debt	1,695,296	1,649,101
Accounts payable	539,561	1,026,675
Billings in excess of cost	396,957	216,946
Accrued expenses and other current liabilities	1,299,563	1,440,222
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Total current liabilities	3,963,828	4,823,061
Long-term Liabilities		
Long-term debt, net	7,264,698	8,178,420
Note payable to related party	2,000,000	2,000,000
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Total long-term liabilities	9,264,698	10,178,420
Stockholders' Equity		
Common Stock, \$.0005 par value, 40,000,000 shares authorized, 12,177,655 and 12,142,849 shares issued, 11,367,495 and 11,332,689 shares outstanding	6,089	6,072
Preferred Stock, \$.001 par value, 15,000,000 Shares authorized, 5,966,000 shares issued and outstanding for March 31, 2009 and September 31, 2008, 10% cumulative, convertible	5,966	5,966
Additional paid in capital	16,263,106	16,122,185
Retained earnings	2,601,200	2,132,862
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Total stockholders' equity	18,876,361	18,267,085
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Less 810,160 shares in treasury - at cost	(986,342)	(986,342)
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Total stockholders' equity	17,890,019	17,280,743
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Total Liabilities and Stockholders' Equity	\$31,118,545	\$32,282,224
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DYNASIL CORPORATION OF AMERICA AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF OPERATIONS
(UNAUDITED)

	Three Months Ended		Six Months Ended	
	March 31		March 31	
	2009	2008	2009	2008
Net sales	\$8,602,885	\$3,045,974	\$17,370,161	\$5,860,880
Cost of sales	4,901,999	2,070,418	10,579,537	3,971,438
Gross profit	3,700,886	975,556	6,790,624	1,889,442
Selling, general and administrative expenses	2,945,625	777,348	5,377,993	1,456,756
Income from operations	755,261	198,208	1,412,631	432,686
Interest expense, net	219,861	42,062	406,658	75,584
Income before income taxes	535,400	156,146	1,005,973	357,102
Income taxes	131,266	10,170	246,198	20,840
Net income	\$404,134	\$145,976	\$759,775	\$336,262
Basic net income per common share	\$0.02	\$0.02	\$0.04	\$0.05
Diluted net income per common share	\$0.02	\$0.02	\$0.04	\$0.04
Weighted average shares outstanding	11,367,008	6,736,852	11,358,143	6,467,518